Index of Claims

| Applicatio | n/Control | No. |
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09/670,844

Applicant(s)/Patent under Reexamination

ALEXANDER ET AL. Art Unit

Examiner

Krisna Lim

2153

Rejected Allowed

(Through numeral) Cancelled

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Appeal Α

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Interference

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| CI           | aim                              |  |                 |          |  | Dat  | е  |                 |                                     |          | ]      | Cla                    | aim      |                 | _               |          | Date                               | •             |          |                 |   | CI    | aim        |            |          |          | [        | Date     | <del>-</del> - |               |          | $\neg$   |
|--------------|----------------------------------|--|-----------------|----------|--|--|--|-----------------|-------------------------------------|----------|--------|------------------------|----------|-----------------|-----------------|----------|------------------------------------|---------------|----------|-----------------|---|-------|------------|------------|----------|----------|----------|----------|----------------|---------------|----------|----------|
|              | -                                | Τ.,  |                 |          | -  |  |  | Γ.              |                                     | П        |        |                        | -        | Ι.,             |                 | Т        |                                    |               |          | П               |   |       | _          |            |          |          |          |          |                |               | П        |          |
| Final        | Original                         | 6/24/05                                      |                 |          |  | ŀ  |  |                 | 1                                   | İ        |        | Final                  | Original | 6/24/05         | 1               |          |                                    |               |          |                 |   | Final | Original   |            |          |          |          |          |                |               |          |          |
| iĒ           | Ĕ                                | 12   | l               |          | 1  |  |  |                 |                                     |          |        | iĒ.                    | Ĕ        | %               |                 |          |                                    |               |          |                 |   | ίĒ    | 泛          |            |          |          |          |          |                |               |          |          |
|              |                                  | Ľ  |                 |          |  |  |  |                 |                                     |          |        |                        |          | Ľ               |                 |          |                                    |               |          |                 |   |       | L          |            |          |          |          |          |                |               |          |          |
|              |                                  |  |                 |          |  |  |  |                 |                                     |          |        | 14                     | 51       | =               |                 |          |                                    |               |          |                 |   |       | 101        |            |          |          |          |          |                |               | $\neg$   |          |
|              | 2                                |  |                 |          |  |  | Π  | Ι               |                                     |          |        | _15                    | 52       | =               |                 |          |                                    |               |          |                 |   |       | 102        |            |          |          |          |          |                | П             | $\neg$   | $\neg$   |
|              | \$                               |  |                 |          |  |  |  |                 |                                     |          |        | 8                      | 53       | =               |                 |          |                                    |               |          | $\square$       |   |       | 103        |            |          |          |          |          |                |               | $\Box$   |          |
|              | 4                                |  |                 |          |  |  |  |                 |                                     |          |        | 9                      | 54       | =               |                 |          |                                    |               |          |                 |   |       | 104        |            |          |          |          |          |                |               | $\Box$   |          |
|              | <u> </u>                         | <u>.                                    </u> |                 |          |  |  |  | _               | L                                   |          |        | 10                     | 55       | =               |                 |          |                                    |               |          |                 |   |       | 105        |            |          |          |          |          |                |               |          |          |
|              | <u>  6</u>                       |  | 乚               |          | _  | 丄  |  | L               | L                                   |          |        | 11                     | 56       | =               |                 |          |                                    |               |          |                 |   |       | 106        |            |          |          |          |          |                |               |          |          |
|              | 1                                |  |                 |          | 乚  | 上  |  |                 | L                                   | L        |        | 16                     | 57       | =               | Ш               |          |                                    | $\perp$       |          | Ш               |   |       | 107        | Ш          | Ш        |          |          |          |                | $\Box$        |          |          |
|              | 8                                | <u> </u>                                     |                 |          | <u> </u>   | ┖  | ┖  | <u> </u>        | <u> </u>                            | L        |        |                        | -58      | _               | -               |          |                                    |               |          |                 |   |       | 108        |            | Ш        | _        |          |          |                | $\perp$       | _        |          |
|              | 9                                | L  |                 | <u> </u> | ┖  | <u> </u>   | <u> </u>   | <u> </u>        | L                                   | <u> </u> |        | 17                     | 59       | =               |                 |          | $\perp$                            | $\perp$       |          | Ш               |   |       | 109        |            | Ш        |          |          |          |                |               |          |          |
|              | 10                               |  |                 | <u></u>  | L.   | 上  | <u> </u>   | L               | L                                   | _        |        | 18                     | 60       | =               | Ш               |          | Ш                                  | ightharpoonup |          | Ш               |   |       | 110        |            |          | _        |          |          |                | $\Box$        | _        | _        |
| <u></u>      | 11                               | _  |                 | Ц        | $oldsymbol{oldsymbol{oldsymbol{eta}}}$   | $oxed{oxed}$                                     | ╙  | $\perp$         | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> |        | 12                     | 61       | =               | Ш               |          | $\perp$                            |               |          | $\sqcup$        |   |       | 111        | Ш          | Ш        |          |          |          |                |               | $\perp$  | _]       |
|              | 12                               | <u> </u>                                     | _               |          | L  | $\perp$  | 1_   | 上               | oxdot                               | _        |        | <u> </u>               | 62       | L               | Ш               |          | $\perp$                            | $\perp$       | $\perp$  | Ш               |   |       | 112        | Ш          | Ш        |          |          |          |                | Ц             | $\dashv$ | _        |
| <u></u>      | 13                               | lacksquare                                   | _               | <u> </u> | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | _  | $\perp$  |                 | L                                   | <u> </u> | l      | L                      | 63       |                 | Ш               |          | $\perp$                            |               |          | Ш               |   |       | 113        | Ш          | Ш        |          |          |          |                | $\perp$       |          |          |
| L            | 14                               |  | _               | <u> </u> | ot   | 1  | $\perp$  | $\perp$         | $oxed{oxed}$                        | L_       |        | L                      | 64       | L_              | $\sqcup$        |          | Щ                                  |               | _        | Ш               |   |       | 114        | Щ          | Ш        |          |          | Ш        | Ш              | Ц             | $\perp$  |          |
|              | 15                               | _  |                 |          | <u> </u>   | 1_   | _  | _               | _                                   |          |        | $oxed{oxed}$           | 65       |                 |                 |          | 4                                  | _             |          | Ш               |   |       | 115        | Щ          | Ш        |          |          |          | Ш              | Ц             | $\dashv$ |          |
|              | 16                               | <u> </u>                                     | <u>L</u>        | <u> </u> | <u>Ļ</u>   | <u> </u>   |  | _               | <u> </u>                            | <u> </u> |        | $oxed{oxed}$           | 66       |                 | $\sqcup$        | $\bot$   | $\downarrow \downarrow \downarrow$ | _             | $\perp$  | Ш               |   |       | 116        | Ш          | Ш        |          |          |          |                | $\perp$       | $\dashv$ | $\Box$   |
| <u> </u>     | 17                               | $\vdash$                                     | <u> </u>        | ∟        | $\perp$  | ╄  | ↓_   | ــــ            | <u>_</u>                            | <u> </u> |        | <u></u>                | 67       | <u> </u>        | $\sqcup$        |          | $\perp$                            | $\dashv$      |          | $\square$       |   |       | 117        | Ш          | L        | ļ        |          |          |                | $\dashv$      | <b>山</b> | _        |
|              | 18                               | L  | L               | <u> </u> | _  | ╙  | ┖  |                 |                                     | L        |        |                        | 68       | _               | Ш               | $\perp$  | Ш                                  | $\dashv$      |          | Ш               |   |       | 118        | Щ          | Щ        |          | _        |          |                |               | _        | _        |
|              | 19                               | <u> </u>                                     | L               | L_       | ļ  | <u> </u>   | <u> </u>   | L               | L                                   |          |        | Ш                      | 69       | L               | <u> </u>        | _ _      | Щ                                  | _             |          | Ш               |   |       | 119        | Ш          | Ц        | _        |          | _        |                | $\rightarrow$ | $\dashv$ | _        |
|              | 20                               | _  | <u> </u>        | _        | <u> </u>   | <u> </u>   | ļ  |                 | L                                   |          |        |                        | 70       | ᆫ               | Ш               | $\perp$  | Ш                                  | _             |          | $\sqcup$        |   |       | 120        | lacksquare | Ц        | _        |          |          | Ш              | _             | _        | _        |
| L            | 2                                | <u> </u>                                     | L               | _        | _  | <u> </u>   | ļ  |                 | ļ                                   | _        |        | Ш                      | 71       | L               | Н               | <u> </u> | $\sqcup$                           |               | _ _      | Щ               |   |       | 121        | Щ          | Щ        | _        |          |          |                | _             | _        | _        |
| <u> </u>     | 22<br>23                         | ╙  | _               | <u> </u> | ┞  | <u> </u>   | <u> </u>   | <u> </u>        | _                                   |          |        |                        | 72       | L               | <b> </b>        | -        | 1                                  | _             |          | $\square$       |   |       | 122        |            | Ц        | _        | _        |          |                |               | _        |          |
|              | 23                               | L.   | _               | ļ        | <u> </u>   | ↓_   | ╙  | ┺               |                                     |          | li iii |                        | 73       |                 | $\sqcup$        | $\perp$  | $\sqcup$                           | _             |          | $\Box$          |   |       | 123        | Ш          | Щ        |          |          |          |                |               | $\dashv$ | $\Box$   |
|              | 24                               | L  |                 | <u> </u> | <u> </u>   | ┖  | _  | _               |                                     | _        |        |                        | 74       |                 | $\sqcup$        |          | $\perp$                            | $\perp$       |          | $\perp$         |   |       | 124        |            |          |          | _        |          |                | $\dashv$      | 4        | _        |
|              | 25                               | _  |                 | L.       | ļ  | <del> </del> _                                   | <b> </b>   | <u> </u>        |                                     | <u> </u> |        |                        | 75       | _               | $\vdash$        | _        | $\perp$                            | _             | <b>_</b> | $\perp$         |   |       | 125        | Щ          | $\perp$  |          |          |          | Щ              | _             | 4        |          |
| <u> </u>     | 26                               | ┡  | _               | <u> </u> | -  | ╄  | <b>!</b>   | ┞               | _                                   | <u> </u> |        |                        | 76       | _               | $\vdash$        | $\dashv$ | $\vdash$                           | 4             | -        | 1               |   |       | 126        |            |          | _        | _        |          | _              | 4             | $\dashv$ | _        |
| -            | 27                               | -  | H               | <u> </u> | <u> </u>   | ļ  | ├_   | ļ               | _                                   | _        |        | -                      | 77       | L               | $\vdash$        |          | +                                  | +             | _        | 1               |   |       | 127        | Щ          | _        |          | _        |          |                | -             | $\dashv$ | 4        |
|              | 28<br>29                         | -  | _               | -        |  | -  | ├  | ├               | -                                   | <u> </u> |        |                        | 78       |                 | $\vdash \vdash$ |          |                                    | _             | -        | H               |   |       | 128        | Н          | $\dashv$ |          |          |          | $\Box$         | -+            | $\dashv$ | -        |
|              | 1 42                             | ⊢  | _               |          | ├  | ⊢  | ⊢  | ┢               | $\vdash$                            | <u> </u> |        |                        | 79       |                 | $\vdash$        | _        |                                    |               |          | Н               |   |       | 129        | H          | $\dashv$ | _        | -        | _        | _              | $\dashv$      | $\dashv$ | -        |
|              | 30<br>31                         | _  |                 | H        | ⊢  | ├  | ⊢  | <del> </del>    | $\vdash$                            | <u> </u> |        |                        | 80       |                 | ┝               | +        | 1                                  |               |          | Ш               |   |       | 130        | _          | $\dashv$ | -        | $\dashv$ |          | _              | -             | $\dashv$ | $\dashv$ |
|              | 31                               |  |                 |          | ⊢  | ⊢  | ├  | -               | -                                   |          |        | $\vdash$               | 81       | _               |                 |          | +                                  | $\dashv$      | -        | $\vdash$        |   |       | 131        |            | $\dashv$ |          | _        |          | -              | -+            | +        | -        |
| <b>-</b>     | 135                              | -  | $\vdash$        |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$        | $\vdash$                            |          |        | $\vdash \vdash \vdash$ | 82       | $\vdash$        | $\vdash \vdash$ |          | +-                                 | +             | +        | H               |   |       | 132        | Н          |          |          |          | $\dashv$ | -              | -             | $\dashv$ | $\dashv$ |
| $\vdash$     | 132                              |  | Н               | <b>-</b> |  | ⊢  | ⊢  | H               | $\vdash$                            | -        |        | <del></del>            | 83<br>84 | $\vdash$        | $\vdash$        | +        | -                                  | +             |          | H               |   |       | 133        | Н          | $\vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$       | $\dashv$      | $\dashv$ | 긕        |
| $\vdash$     | 1                                | $\vdash$                                     | Н               | -        | $\vdash$   | +-   | ╁─   | ┤               | $\vdash$                            | Н        |        | $\vdash\vdash\vdash$   | 85       | -               | $\vdash \vdash$ | -        | +                                  | +             |          | H               |   |       | 134<br>135 | $\vdash$   |          | $\dashv$ | $\dashv$ | $\dashv$ |                | $\dashv$      | $\dashv$ | $\dashv$ |
| $\vdash$     | 70                               | $\vdash$                                     | $\vdash$        | -        | $\vdash$   | ╁  | $\vdash$   | ╁               | $\vdash$                            | Н        |        | $\vdash\vdash$         | 86       | -               | $\vdash \vdash$ | +        | +                                  | +             | +        | +               |   |       | 136        | -          | $\dashv$ | $\dashv$ | $\dashv$ | -        |                | +             | +        | $\dashv$ |
| <del> </del> | 32<br>33<br>34<br>35<br>36<br>37 | $\vdash$                                     | $\vdash$        | -        | -  | ╁  | ⊢  | $\vdash$        | $\vdash$                            | $\vdash$ |        | $\vdash \vdash \vdash$ | 87       | -               | $\vdash \vdash$ | +        | ╁┼┤                                | $\dashv$      |          | +               |   |       | 137        | -          | $\dashv$ | $\dashv$ |          |          |                | $\dashv$      | +        | ᅱ        |
| <del></del>  | 38                               | -  | Н               | -        | $\vdash$   | -  | $\vdash$   | $\vdash$        | $\vdash$                            | Н        |        | $\vdash\vdash\vdash$   | 88       | <u> </u>        | $\vdash \vdash$ | +        | ┨                                  | $\dashv$      |          | ╁╌╢             |   |       | 138        |            | $\dashv$ | $\dashv$ |          |          | $\dashv$       | +             | +        | ᅱ        |
| $\vdash$     | 39                               | $\vdash$                                     | $\vdash \vdash$ |          | -  | $\vdash$   | $\vdash$   | $\vdash$        | $\vdash$                            |          |        | ┝╾╌┤                   | 89       |                 | $\vdash$        | +        | + +                                | $\dashv$      |          | H               |   |       | 139        | Н          | +        |          |          | $\dashv$ | $\dashv$       | $\dashv$      | +        | $\dashv$ |
| <b>-</b>     | 40                               | $\vdash$                                     | $\vdash$        |          | <del> </del>   | $\vdash$   | $\vdash$   | $\vdash$        | $\vdash$                            |          |        |                        | 90       |                 | $\vdash$        | +        | +                                  | +             | +        | H               |   | ·     | 140        | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | +             | +        | $\dashv$ |
| 1            | 41                               | ╘  | $\dashv$        | -        | -  | <del>                                     </del> | $\vdash$   | $\vdash$        | Н                                   | —        |        |                        | 91       | $\vdash$        | $\dashv$        | +        | ╁┼                                 | $\dashv$      |          | H               |   |       | 141        | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$       | +             | +        | $\dashv$ |
| 2            | 42                               | =  | $\vdash$        | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$        | Н                                   |          |        |                        | 92       | $\vdash$        | $\vdash \vdash$ | +        | ╫                                  | +             | $\dashv$ | H               |   |       | 142        | -          | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$       | $\dashv$      | +        | $\dashv$ |
| <del>-</del> | 43-                              |  |                 |          |  | $t^-$  | $\vdash$   |                 |                                     |          |        |                        | 93       | $\vdash$        | $\vdash$        |          | ╁╌┤                                | +             | +        | $\vdash \dashv$ |   |       | 143        | $\vdash$   | -+       | -        | ᅱ        | $\dashv$ | $\dashv$       | +             | +        | $\dashv$ |
| 3            | 44                               | =  | $\vdash$        |          | H  | Н  | <del> </del>                                     | H               | Н                                   |          |        | <del>  </del>          | 94       | Н               | ++              | +        | ╁┼                                 | $\dashv$      | +        | H               |   | -     | 144        | $\vdash$   | $\dashv$ | +        |          | -        | $\dashv$       | +             | +        | $\dashv$ |
| 4            | 45                               | =  |                 |          | ┢  | $\vdash$   |  | $\vdash \vdash$ |                                     |          |        | $\vdash$               | 95       | $\vdash$        | $\dashv$        | +        | 1-1                                | 十             | +-       | $\vdash$        |   |       | 145        | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$      | +        | ᅱ        |
| 5            | 46                               | =  | -               |          | ┢  | Ι-   | Н  | Н               | Н                                   | $\dashv$ |        | $\vdash \vdash \vdash$ | 96       | Н               | $\dashv$        | +        | +                                  | +             | +        | $\vdash$        |   |       | 146        | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ |          | -              | +             | +        | $\dashv$ |
| 6            | 47                               | =  | $\dashv$        |          | 一  | <del>                                     </del> | <del>                                     </del> | $\vdash$        | Н                                   | $\vdash$ |        | $\vdash \vdash$        | 97       | $\vdash$        | $\vdash$        | 十        | +                                  | _             |          | $\vdash$        |   |       | 147        | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$      | +        | $\dashv$ |
| 7            | 48                               | =  |                 | -        | Н  | $\vdash$   | $\vdash$   | Н               | $\vdash$                            |          |        | $\vdash \vdash \vdash$ | 98       | $\vdash$        | $\vdash$        | +        | † †                                | _             |          | Н               |   |       | 148        | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | 十             | $\dashv$ | $\dashv$ |
| Ė            | 49                               |  |                 |          | $\vdash$   |  | <del>                                     </del> | Н               |                                     |          |        | $\vdash$               | 99       | $\vdash \vdash$ | $\dashv$        | $\top$   | 1-1                                | $\dashv$      | +        | H               |   |       | 149        | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$      | 十        | $\dashv$ |
| 13           | 50                               | =  |                 |          | Г  | <u> </u>   | T  | H               | П                                   |          |        |                        | 100      |                 | $\top$          | 7        | Ħ                                  | $\dashv$      | $\top$   | Н               | H |       | 150        | $\dashv$   | $\dashv$ | 十        | 7        | $\neg$   |                | $\top$        | +        | $\dashv$ |
| _            |                                  |  |                 |          |  |  |  |                 |                                     |          |        |                        |          |                 |                 |          |                                    |               |          |                 |   |       |            |            |          |          |          |          |                |               |          |          |